



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1454

| | | | | |
|------------------------------------|---|---------------------|---|--|
| SERIAL NUMBER 09/662,068 | FILING DATE 09/14/2000 RULE | CLASS 711 | GROUP ART UNIT 2186 2187 | ATTORNEY DOCKET NO. 0939A-036911US |
|------------------------------------|---|---------------------|---|--|

APPLICANTS
Gerry R. Talbot, Concord, MA;
Austen J. Hypher, Newton, MA;

FILE COPY

**** CONTINUING DATA ******* *YES NO*
THIS APPLICATION IS A CON OF 08/808,849 02/28/1997 PAT 6,272,600
WHICH CLAIMS BENEFIT OF 60/031,063 11/15/1996

**** FOREIGN APPLICATIONS ******* *ADDL NO*

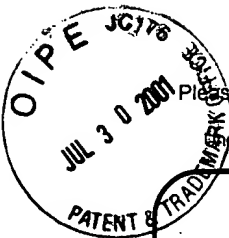
IF REQUIRED, FOREIGN FILING LICENSE GRANTED
** 10/26/2000

| | | | | |
|---|-------------------------------|-----------------------------|---------------------------|--------------------------------|
| Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | STATE OR COUNTRY MA | SHEETS DRAWING 11 | TOTAL CLAIMS 15 | INDEPENDENT CLAIMS 5 |
| 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance | | | | |
| Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials <i>ND</i> | | | | |

ADDRESS
Dan H Lang
Townsend and Townsend and Crew LLP
8th Floor
Two Embarcadero Center
San Francisco ,CA 94111-3834

TITLE
Memory request reordering in a data processing system

| | | |
|------------------------------------|---|--|
| FILING FEE RECEIVED 1000 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | <input type="checkbox"/> All Fees |
| | | <input type="checkbox"/> 1.16 Fees (Filing) |
| | | <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) |
| | | <input type="checkbox"/> 1.18 Fees (Issue) |
| | | <input type="checkbox"/> Other _____ |
| | | <input type="checkbox"/> Credit |



Receipt

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|-----------------------------|-------------------------------|--------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/662,068 | |
| | Filing Date | September 14, 2000 | |
| | First Named Inventor | Talbot, Gerry R. | |
| | Group Art Unit | 2185 | |
| | Examiner Name | Unassigned | |
| Total Number of Pages in This Submission | 7 | Attorney Docket Number | 00939A036911 |

RECEIVED

AUG 14 2001

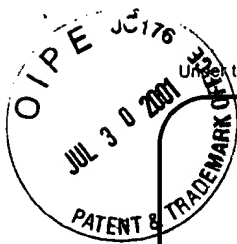
Technology Center 2100

| ENCLOSURES (check all that apply) | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Corrected Filing Receipt, copy of marked-up Filing Receipt, Return Postcard |
| Remarks | | The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm and Individual name | Townsend and Townsend and Crew LLP J. Matthew Zigmant Reg No. 44,005 |
| Signature | |
| Date | July 26, 2001 |

| CERTIFICATE OF MAILING | |
|---|---------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: July 26, 2001 | |
| Typed or printed name | DJ Bogorodsky |
| Signature | |
| Date | July 26, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PA 3159671 v1



FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number 09/662,068
Filing Date September 14, 2000
First Named Inventor Talbot, Gerry R.
Examiner Name Unassigned
Group Art Unit 2185
Attorney Docket No. 00939A-036911US

RECEIVED

AUG 14 2001

Technology Center 2100

TOTAL AMOUNT OF PAYMENT (\$) 25

| METHOD OF PAYMENT | | FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|--|-----------------|--|-----------------|-----------------|-----------------|-----------------|----------|------|-----|--------------------|----|-------------------------------------|-----|-----|-----|-------------------|-----------------|---|-----------------|-----------------|----------|------------------|-----|---------------------------|-----|------------------------|-------|--------------------|-------|--|-----|-----------------------------------|------|------------------------|------|--|-----|---------------------------------------|--------|-----|--------|---|----|--|-----|-----|----|--|---|--|-----|--------------|-----|---|--|-----|-------|-----|-----|--|--|-----|-------|-----|-----|---|--|-----|-------|-----|-----|--|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|--------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|--|--|--|--|--|----|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 20-1430</p> <p>Deposit Account Name: Townsend and Townsend and Crew LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> | | <p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="5">Other fee (specify) Request for Corrected Filing Receipt</td><td>25</td></tr></tbody></table> | | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid | 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | | 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | | 139 | 130 | 139 | 130 | Non-English specification | | 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | 115 | 110 | 215 | 55 | Extension for reply within first month | | 116 | 390 | 216 | 195 | Extension for reply within second month | | 117 | 890 | 217 | 445 | Extension for reply within third month | | 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | | 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | | 119 | 310 | 219 | 155 | Notice of Appeal | | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | | 121 | 270 | 221 | 135 | Request for oral hearing | | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | 140 | 110 | 240 | 55 | Petition to revive - unavoidable | | 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | | 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | | 143 | 440 | 243 | 220 | Design issue fee | | 144 | 600 | 244 | 300 | Plant issue fee | | 122 | 130 | 122 | 130 | Petitions to the Commissioner | | 123 | 50 | 123 | 50 | Petitions related to provisional applications | | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | Other fee (specify) Request for Corrected Filing Receipt | | | | | 25 |
| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 130 | 139 | 130 | Non-English specification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | 310 | 219 | 155 | Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 270 | 221 | 135 | Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 440 | 243 | 220 | Design issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 600 | 244 | 300 | Plant issue fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) Request for Corrected Filing Receipt | | | | | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1. BASIC FILING FEE</p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td></td></tr><tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>(\$)</td></tr></tbody></table> | | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid | 101 | 710 | 201 | 355 | Utility filing fee | | 106 | 320 | 206 | 160 | Design filing fee | | 107 | 490 | 207 | 245 | Plant filing fee | | 108 | 710 | 208 | 355 | Reissue filing fee | | 114 | 150 | 214 | 75 | Provisional filing fee | | SUBTOTAL (1) | | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | 710 | 201 | 355 | Utility filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 320 | 206 | 160 | Design filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | 490 | 207 | 245 | Plant filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | 710 | 208 | 355 | Reissue filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 150 | 214 | 75 | Provisional filing fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (1) | | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>2. EXTRA CLAIM FEES</p> <table border="1"><thead><tr><th>Total Claims</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>-20**</td><td></td><td>X</td><td></td></tr><tr><td>-3**</td><td></td><td>X</td><td></td></tr><tr><td></td><td></td><td>X</td><td></td></tr></tbody></table> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5">SUBTOTAL (2)</td><td>(\$)</td></tr></tbody></table> | | Total Claims | Extra Claims | Fee from below | Fee Paid | -20** | | X | | -3** | | X | | | | X | | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid | 103 | 18 | 203 | 9 | Claims in excess of 20 | | 102 | 80 | 202 | 40 | Independent claims in excess of 3 | | 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | | 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent | | 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | | SUBTOTAL (2) | | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Claims | Extra Claims | Fee from below | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20** | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -3** | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (2) | | | | | (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**or number previously paid, if greater; For Reissues, see above

| SUBMITTED BY | | Complete (if applicable) | | | |
|-------------------|--------------------|-----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | J. Matthew Zigmant | Registration No. (Attorney/Agent) | 44,005 | Telephone | 650-326-2400 |
| Signature | | | | Date | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PA 3159669 v1



I hereby certify that this correspondence is being deposited with the United States
Postal Service as first class mail in an envelope addressed to: Assistant Commissioner
for Patents Washington, D.C. 20231
on 7.26.01

PATENT
Attorney Docket No.: 00939A-036911US

By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Examiner: Unassigned

Talbot et al.

Art Unit: 2185

Application No.: 09/662,068

REQUEST FOR CORRECTED FILING RECEIPT

Filed: September 14, 2000

For: MEMORY REQUEST REORDERING IN
A DATA PROCESSING SYSTEM

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

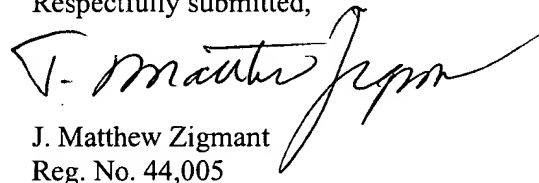
Sir:

Attached is a marked-up copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested.

The Domestic Priority data as claimed by applicant is as follows: This application is a continuation of U.S. Application No. 08/808,849 filed February 28, 1997, which claims the benefit of U.S. Provisional Application No. 60/031,063 filed November 15, 1996. A Preliminary Amendment has been submitted under separate cover to amend the specification with this information.

The correction is due to applicant's error and the fee therefor, pursuant to 37 CFR §1.19(h), of \$25.00 is to be charged to Deposit Account No. 20-1430. Please charge any additional fees or credit overpayment to the Deposit Account No. 20-1430.

Respectfully submitted,


J. Matthew Zigmant
Reg. No. 44,005

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (650) 752-2456 Fax: (415) 576-0300
JMZ/djb

PA 3158339 v1

Jmz

00939A - 036911US

RCohwell/Kranzaki

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/662,668 | 09/14/2000 | 2185 | 1000 | 0939A-036911US | 11 | 15 | 5 |

CONFIRMATION NO. 1454

UPDATED FILING RECEIPT



OC000000005953535

Dan H Lang
Townsend and Townsend and Crew LLP
8th Floor
Two Embarcadero Center
San Francisco, CA 94111-3834

RECEIVED
AUG 14 2001
Technology Center 2100

Date Mailed: 04/10/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Gerry R. Talbot, Concord, MA;
Austen J. Hypher, Newton, MA;

Domestic Priority data as claimed by applicant

~~THIS APPLN CLAIMS BENEFIT OF 60/031,063 11/15/96~~

THIS APPLN IS A CONTINUATION OF 08/808,849 02/28/97, WHICH CLAIMS BENEFIT OF
Foreign Applications 60/031,063 11/15/96

If Required, Foreign Filing License Granted 10/26/2000

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

Title

Memory request reordering in a data processing system

Date: 04/10/2001





I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

PATENT
Attorney Docket No.: 00939A-036911US

On 26 July 01

TOWNSEND and TOWNSEND and CREW LLP

By: DJ Bggorodsky

DJ Bggorodsky

RECEIVED

AUG 01 2001

Technology Center 2100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Talbot et al.

Application No.: 09/662,068

Filed: September 14, 2000

For: MEMORY REQUEST REORDERING
IN A DATA PROCESSING SYSTEM

Examiner: Unassigned

Art Unit: 2185

COMMUNICATION

Assistant Commission for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

Sir:

After reviewing our deposit account activities for this application, we believe an additional \$576.00 should be charged against our account. Accordingly, the commissioner has been authorized to charge this fee to our account no. 20-1430. A history of charges to our account for this case follows, and a print out of the account activity is attached.

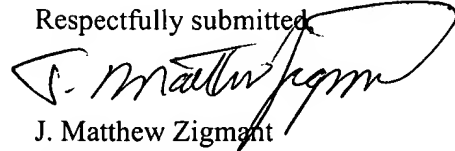
Account summary for this application: We believe our account should have been charged the following amounts to date.

| | |
|---------------------------|------------------|
| Filing Fee | \$ 710.00 |
| Surcharge | \$ 130.00 |
| Excess claims | \$ 576.00 |
| <u>Excess Ind. claims</u> | <u>\$ 160.00</u> |
| Total | \$1,576.00 |

As the attached account transaction records show, we have only been charged \$1,000.00 to date.

If a telephone conference would expedite the resolution of this matter, please telephone the undersigned at 650-752-2456.

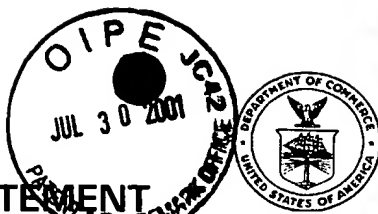
Respectfully submitted,



J. Matthew Zigmant
Reg. No. 44,005

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (650) 752-2456 Fax: (650) 326-2422
JMZ/djb

PA 3158294 v1



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

MONTHLY STATEMENT
OF DEPOSIT ACCOUNT

To replenish your Deposit Account, detach and return top portion with your check. Make check payable to Commissioner of Patents & Trademarks.

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

RECEIVED

AUG 01 2001

Technology Center 2100
FINA

| | |
|-------------|---------|
| Account No. | 201430 |
| Date | 1-31-01 |
| Page | 4 |

TOWNSEND & TOWNSEND AND CREW
ATTN: MICHELE SIMONE
TWO EMBARCADERO CENTER
8 TH FLOOR
SAN FRANCISCO CA 94111-3834

PLEASE SEND REMITTANCES TO:
Patent and Trademark Office
P.O. Box 70541
Chicago, Ill. 60673

*Price Improvement
Executives*

| DATE POSTED | | | CONTROL NO. | DESCRIPTION (Serial, Patent, TM, Order) | DOCKET NO. | FEE CODE | CHARGES/ CREDITS | BALANCE |
|-------------|-----|-----|-------------|--|---------------|----------|---------------------|-----------|
| MO. | DAY | YR. | | | | | | |
| 1 | 2 | 01 | 322 | 12-22 09223060 | 19170-1 | 561 | 36.00 | 298304.15 |
| 1 | 2 | 01 | 341 | 75749547 | | 364 | 150.00 | 298154.15 |
| 1 | 3 | 01 | 1 | 12-16 09731531 | 15258-050500 | 581 | 40.00 | 298114.15 |
| 1 | 3 | 01 | 1 | 12-14 09345661 | 17148-002900 | 202A | 200.00 | 297914.15 |
| 1 | 3 | 01 | 1 | 12-22 08472760 | 17726A-4-1 | 228 | 945.00 | 296969.15 |
| 1 | 3 | 01 | 2 | 12-14 09345661 | 17148-002900 | 203V | 450.00 | 296519.15 |
| 1 | 3 | 01 | 2 | 12-22 08472760 | 17726A-4-1 | 220 | 155.00 | 296364.15 |
| 1 | 3 | 01 | 3 | 521.00 09731369 | 016918-00013 | 202 | 40.00 | 296324.15 |
| 1 | 3 | 01 | 4 | 12-22 09341906 | 84308-000000 | 115 | 110.00 | 296214.15 |
| 1 | 3 | 01 | 6 | 12-22 08533582 | 018547-01870 | 116 | 390.00 | 295824.15 |
| 1 | 3 | 01 | 7 | 12-14 09343950 | 17148-003000 | 215 | 55.00 | 295769.15 |
| 1 | 3 | 01 | 7 | 09662068 | 0939A-0309-1U | 101 | 710.00 | 295059.15 |
| 1 | 3 | 01 | 8 | 12-22 09662068 | 0939A-0309-1U | 102 | 80.00 | 294979.15 |
| 1 | 3 | 01 | 9 | 12-20 09654178 | 16869P-01240 | 105 | 130.00 | 294849.15 |
| 1 | 3 | 01 | 9 | 09662068 | 0939A-0309-1U | 103 | 576.00 | 294273.15 |
| 1 | 3 | 01 | 10 | 12-22 09662068 | 0939A-0309-1U | 105 | 130.00 | 294143.15 |
| 1 | 3 | 01 | 11 | 09033834 | 17148-001000 | 241 | 620.00 | 293523.15 |
| 1 | 3 | 01 | 12 | 12-27 605.00 09033834 | 17148-001000 | 242 | 620.00 | 292903.15 |
| 1 | 3 | 01 | 13 | PCT/US00/35516 | 18623-1472PC | 150A | 240.00 | 292663.15 |
| 1 | 3 | 01 | 13 | 12-27 09033834 | 17148-001000 | 561 | 30.00 | 292633.15 |
| 1 | 3 | 01 | 14 | PCT/US00/35516 | 18623-1472PC | 151 | 700.00 | 291933.15 |
| 1 | 3 | 01 | 15 | PCT/US00/35516 | 18623-1472PC | 810 | 265.00 | 291668.15 |
| 1 | 3 | 01 | 16 | PCT/US00/35516 | 18623-1472PC | 801 | 2034.00 | 289634.15 |
| 1 | 3 | 01 | 16 | 09612464 | 19656-001910 | 101 | 710.00 | 288924.15 |
| 1 | 3 | 01 | 17 | PCT/US00/35516 | 18623-1472PC | 899A | 656.00 | 288268.15 |
| 1 | 3 | 01 | 17 | 09612464 | 19656-001910 | 105 | 130.00 | 288138.15 |
| 1 | 3 | 01 | 18 | PCT/US00/35516 | 18623-1472PC | 566 | 30.00 | 288108.15 |
| 1 | 3 | 01 | 18 | 10-31 09612464 | 19656-001910 | 122 | 130.00 | 287978.15 |
| 1 | 3 | 01 | 21 | 11-30 09196381 | 80058-19 | 581 | 40.00 | 287938.15 |
| 1 | 3 | 01 | 23 | 12-22 09676157 | 15280-421000 | 105 | 130.00 | 287808.15 |
| 1 | 3 | 01 | 24 | 12-22 09654435 | 18547-043230 | 105 | 130.00 | 287678.15 |
| 1 | 3 | 01 | 24 | 12-22 4841866 | 16161-1 | 285 | 1495.00 | 286183.15 |
| 1 | 3 | 01 | 31 | 11-29 60181967 | 6505-54086 | 581 | 40.00 | 286143.15 |
| 1 | 3 | 01 | 37 | 12-21 09295663 | 16303-007120 | 217 | 445.00 | 285698.15 |
| 1 | 3 | 01 | 39 | 09151189 | 023070087100 | 242 | 620.00 | 285078.15 |
| 1 | 3 | 01 | 40 | 12-21 09151189 | 023070087100 | 561 | 30.00 | 285048.15 |

AN AMOUNT SUFFICIENT TO
COVER ALL SERVICES REQUESTED
MUST ALWAYS BE ON DEPOSIT.

OPENING BALANCE

TOTAL CHARGES

TOTAL CREDITS

CLOSING BALANCE

*** O.D. INDICATES OVERDRAWN



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MONTHLY STATEMENT
OF DEPOSIT ACCOUNT

To replenish your Deposit Account, detach and
return top portion with your check. Make check
payable to Commissioner of Patents & Trademarks.

RECEIVED

AUG 01 2001

Technology Center 2100 FINA

TOWNSEND & TOWNSEND AND CREW
ATTN: MICHELE SIMONE
TWO EMBARCADERO CENTER
8 TH FLOOR
SAN FRANCISCO CA 94111-3834

| | |
|-------------|---------|
| Account No. | 201430 |
| Date | 1-31-01 |
| Page | 24 |

PLEASE SEND REMITTANCES TO:
Patent and Trademark Office
P.O. Box 70541
Chicago, Ill. 60673

| DATE POSTED | | | CONTROL NO. | DESCRIPTION (Serial, Patent, TM, Order) | DOCKET NO. | FEE CODE | CHARGES/ CREDITS | BALANCE |
|-------------|-----|-----|-------------|--|--------------|----------|---------------------|-----------|
| MO. | DAY | YR. | | | | | | |
| 1 | 16 | 01 | 231 | 1-5 08570256 | 9395-530 | 142 | 1240.00 | 388928.65 |
| 1 | 16 | 01 | 232 | 08570256 | | 561 | 30.00 | 388898.65 |
| 1 | 16 | 01 | 264 | 12-19 60246464 | 195530038000 | 581 | 40.00 | 388858.65 |
| 1 | 16 | 01 | 277 | 12-27 09750960 | 1689P0190000 | 581 | 40.00 | 388818.65 |
| 1 | 16 | 01 | 288 | 1-9 29127410 | 02555-007500 | 243-1 | 220.00 | 388598.65 |
| 1 | 16 | 01 | 289 | 29127410 | 02555-007500 | 561-1 | 15.00 | 388583.65 |
| 1 | 16 | 01 | 312 | 1-9 09246470 | 88704-000000 | 142 | 1240.00 | 387343.65 |
| 1 | 16 | 01 | 313 | 09246470 | 88704-000000 | 561-1 | 33.00 | 387310.65 |
| 1 | 16 | 01 | 343 | 12-14 60244771 | 15358-006200 | 581 | 40.00 | 387270.65 |
| 1 | 16 | 01 | 381 | 11-22 09735876 | 20906-000210 | 581 | 40.00 | 387230.65 |
| 1 | 17 | 01 | 1 | 09151394 | 042390.P5764 | 116 | 390.00 | 386840.65 |
| 1 | 17 | 01 | 2 | 09151394 | 042390.P5764 | 103 | 324.00 | 386516.65 |
| 1 | 17 | 01 | 3 | 09151394 | 042390.P5764 | 102 | 80.00 | 386436.65 |
| 1 | 17 | 01 | 14 | 12-11 75357988 | 17299-000500 | 481 | 40.00 | 386396.65 |
| 1 | 17 | 01 | 15 | 75357988 | 17299-000500 | 482 | 75.00 | 386321.65 |
| 1 | 17 | 01 | 17 | 12-20 09662992 | 16998-001710 | 101 | 710.00 | 385611.65 |
| 1 | 17 | 01 | 18 | 09662992 | 16998-001710 | 105 | 130.00 | 385481.65 |
| 1 | 17 | 01 | 18 | 1-8 08465221 | 028723-052 | 117 | 890.00 | 384591.65 |
| 1 | 17 | 01 | 21 | 1-5 09470191 | 14058-008910 | 228 | 945.00 | 383646.65 |
| 1 | 17 | 01 | 22 | 9-19 75724098 | 009478-00170 | 363 | -100.00 | 383746.65 |
| 1 | 17 | 01 | 23 | 75724098 | 009478-00170 | 364 | -150.00 | 383896.65 |
| 1 | 17 | 01 | 27 | 1-11 09153375 | 017620-00080 | 131 | 710.00 | 383186.65 |
| 1 | 17 | 01 | 27 | PCT/US00/18046 | 9623-278PC | 190 | 490.00 | 382696.65 |
| 1 | 17 | 01 | 28 | PCT/US00/18046 | 9623-278PC | 803 | 137.00 | 382559.65 |
| 1 | 17 | 01 | 28 | 1-11 PAYMENT | | 701 | -50000.00 | 432559.65 |
| 1 | 17 | 01 | 29 | 1-11 09301216 | 019770-00061 | 231 | 355.00 | 432204.65 |
| 1 | 17 | 01 | 29 | 09338302 | 17903-001110 | 126 | 180.00 | 432024.65 |
| 1 | 17 | 01 | 30 | 1-9 09662068 | 0939A-000110 | 202 | 40.00 | 431984.65 |
| 1 | 17 | 01 | 31 | 12-20 2227240 | 18016-3 | 481 | 40.00 | 431944.65 |
| 1 | 17 | 01 | 43 | 071-002-14 75918423 | 19323-000100 | 361 | 650.00 | 431294.65 |
| 1 | 17 | 01 | 55 | 1-9 09118087 | 084698-00110 | 116 | 390.00 | 430904.65 |
| 1 | 17 | 01 | 55 | 1-9 5690675 | 17667-2 | 283 | 425.00 | 430479.65 |
| 1 | 17 | 01 | 56 | 1-9 5699157 | 17646-2 | 183 | 850.00 | 429629.65 |
| 1 | 17 | 01 | 76 | 1-12 09170765 | 17761-000940 | 231 | 355.00 | 429274.65 |
| 1 | 17 | 01 | 77 | 09170765 | 17761-000940 | 202 | 200.00 | 429074.65 |
| 1 | 17 | 01 | 84 | PCT/US01/01060 | 19925-3PC | 150 | 240.00 | 428834.65 |

AN AMOUNT SUFFICIENT TO
COVER ALL SERVICES REQUESTED
MUST ALWAYS BE ON DEPOSIT.

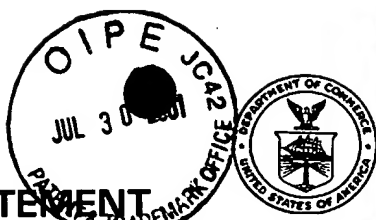
OPENING BALANCE

TOTAL CHARGES

TOTAL CREDITS

CLOSING BALANCE

X ✓



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MONTHLY STATEMENT
OF DEPOSIT ACCOUNT

To replenish your Deposit Account, detach and return top portion with your check. Make check payable to Commissioner of Patents & Trademarks.

RECEIVED

AUG 01 2001

Technology Center 2100
FINA

| | |
|-------------|---------|
| Account No. | 201430 |
| Date | 4-30-01 |
| Page | 17 |

TOWNSEND & TOWNSEND AND CREW
ATTN: MICHELE SIMONE
TWO EMBARCADERO CENTER
8 TH FLOOR
SAN FRANCISCO CA 94111-3834

PLEASE SEND REMITTANCES TO:
Patent and Trademark Office
P.O. Box 70541
Chicago, Ill. 60673

| DATE POSTED | | | CONTROL NO. | DESCRIPTION (Serial, Patent, TM, Order) | DOCKET NO. | FEE CODE | CHARGES/ CREDITS | BALANCE |
|-------------|-----|-----|-------------|--|----------------|----------|---------------------|-----------|
| MO. | DAY | YR. | | | | | | |
| 4 | 9 | 01 | 318 | PCT/US01/10974 | 2307AA:1108-11 | 566 | 30.00 | 288326.65 |
| 4 | 9 | 01 | 519 | PCT/US01/10988 | 17018-1410PC | 150 | 240.00 | 288086.65 |
| 4 | 9 | 01 | 520 | PCT/US01/10988 | 17018-1410PC | 151 | 700.00 | 287386.65 |
| 4 | 9 | 01 | 521 | PCT/US01/10988 | 17018-1410PC | 810 | 265.00 | 287121.65 |
| 4 | 9 | 01 | 522 | PCT/US01/10988 | 17018-1410PC | 801 | 63.00 | 287058.65 |
| 4 | 9 | 01 | 523 | PCT/US01/10988 | 17018-1410PC | 899 | 492.00 | 286566.65 |
| 4 | 9 | 01 | 524 | PCT/US01/10988 | 17018-1410PC | 566 | 15.00 | 286551.65 |
| 4 | 10 | 01 | 11 | 4-6 09827545 | 18926-003150 | 101 | 710.00 | 285841.65 |
| 4 | 10 | 01 | 13 | 4-6 09827630 | 18926-003160 | 101 | 710.00 | 285131.65 |
| 4 | 10 | 01 | 14 | 4-6 60281922 | 185018011-10 | 214 | 75.00 | 285056.65 |
| 4 | 10 | 01 | 16 | 09662068 | 0939A-039110 | 202 | -40.00 | 285096.65 |
| 4 | 10 | 01 | 17 | 6-6 09662068 | 0939A-039110 | 102 | -80.00 | 285176.65 |
| 4 | 10 | 01 | 18 | 6-6 09662068 | 0939A-039110 | 103 | -576.00 | 285752.65 |
| 4 | 10 | 01 | 18 | 4-4 09315116 | 16930-0010-2 | 428 | 1890.00 | 283862.65 |
| 4 | 10 | 01 | 19 | 09662068 | 0939A-039110 | 102 | 160.00 | 283702.65 |
| 4 | 10 | 01 | 20 | 09827613 | 18926-003140 | 101 | 710.00 | 282992.65 |
| 4 | 10 | 01 | 21 | 4-6 09827613 | 18926-003140 | 102 | 80.00 | 282912.65 |
| 4 | 10 | 01 | 22 | 09827613 | 18926-003140 | 103 | 144.00 | 282768.65 |
| 4 | 10 | 01 | 23 | 4-6 09827637 | 019601-00014 | 201 | 355.00 | 282413.65 |
| 4 | 10 | 01 | 24 | 09230105 | 88697 | 119 | 310.00 | 282103.65 |
| 4 | 10 | 01 | 25 | 4-4 09230105 | 88697 | 115 | 110.00 | 281993.65 |
| 4 | 10 | 01 | 25 | 4-6 60281996 | 020174-00410 | 214 | 75.00 | 281918.65 |
| 4 | 10 | 01 | 25 | 4-4 09300036 | 17814-0001-10 | 148 | 110.00 | 281808.65 |
| 4 | 10 | 01 | 26 | 4-6 09827617 | 18926-003130 | 101 | 710.00 | 281098.65 |
| 4 | 10 | 01 | 26 | 4-4 09300036 | 17814-0001-10 | 117 | 890.00 | 280208.65 |
| 4 | 10 | 01 | 26 | 4-3 09754822 | 20634-6-1 | 203 | 288.00 | 279920.65 |
| 4 | 10 | 01 | 27 | 4-6 09827617 | 18926-003130 | 103 | 54.00 | 279866.65 |
| 4 | 10 | 01 | 27 | 09754822 | 20634-6-1 | 202 | 120.00 | 279746.65 |
| 4 | 10 | 01 | 28 | 4-3 09754822 | 20634-6-1 | 205 | 65.00 | 279681.65 |
| 4 | 10 | 01 | 32 | 4-6 09334149 | 150000031000 | 242 | 620.00 | 279061.65 |
| 4 | 10 | 01 | 33 | 09334149 | 150000031000 | 561 | 30.00 | 279031.65 |
| 4 | 10 | 01 | 34 | 4-5 09484856 | 19717-3-105 | 126 | 180.00 | 278851.65 |
| 4 | 10 | 01 | 34 | 09503982 | 17822-000412 | 242 | 620.00 | 278231.65 |
| 4 | 10 | 01 | 35 | 4-6 09503982 | 17822-000412 | 561 | 30.00 | 278201.65 |
| 4 | 10 | 01 | 35 | 4-4 09827955 | 16998002110 | 101 | 710.00 | 277491.65 |
| 4 | 10 | 01 | 36 | 4-6 60281948 | 20174-003220 | 214 | 75.00 | 277416.65 |

AN AMOUNT SUFFICIENT TO
COVER ALL SERVICES REQUESTED
MUST ALWAYS BE ON DEPOSIT.

OPENING BALANCE

TOTAL CHARGES

TOTAL CREDITS

CLOSING BALANCE

*** 00 INDICATES OVERDRAWN